ARSENIC IN SUGAR.

PURE MOLASSES.

and as the pollen of each flower is charac-teristic it is an easy matter to tell from

German remark. CHEVALIER Q. JACKSON, M. D.

Amusements Addendum.

Mr. George Lun, Tony Pastor's stage manager for the past ten years, will arrive in the city to-day.

The New World's Museum, Allegheny,

Fifty-two years old next Wednesday and

Manager James Geary arrived in the city

this morning with George Sun's New Phantasma and Refined Concert Co. and a

FAIR AT YOUNGSTOWN.

Excursions Vin the Pennsylvania Lines.

The Pennsylvania Company will sell ex-eursion tickets from Pittsburg to Youngs-town, account of Mahoning and Shenango Valley Fair, at rate of \$2 30, from Septem-

There may be very little space left for exhibitors at the Exposition, but there is no lack of the finest whiskies and liquors at John McCullough's, 523 Liberty, foot of

Last Excursion to the Ocean.

The B. & O. R. R. will sell excursion

parlor and sleeping car accommodations.

No ADVANCE asked on our new fall Hen

riettas; same excellent values as formerly at old prices, 50c, 75c and \$1 a yard; all fall colors. Hugus & Hacke.

It Won't Last Forever,

So get them at once. 13 cabinet photos for \$1 at Stewart & Co.'s, 90 Federal street, Al-

CABINET photos, 89c per doz. Lies' Pop-ular Gallery, 10 and 12 Sixth st. TTSu

ber 2 to 6, good returning until Septemb 7. Rate includes admission to the Fair.

opening the season to-morrow.

25,28,31,se2

legheny.

weighs 40 pounds, 36 inches high, is Che Mah, the famous Chinese dwarf.

will open the season to-morrow at 1 P. M.

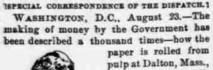
BAD MONEY MAKERS.

Criminals Whose Operations Are Closely Watched By the Men of

UNCLE SAM'S SECRET SERVICE. Chief Bell's Ruse to Capture a Much-

Wanted Counterfeiter. CIRCULATION OF SPURIOUS MONEY

DEPECTAL CORRESPONDENCE OF THE DISPATCH.





and a mysterious silk thrend woven into it, which combination is about the only thing a counterfeiter can't imitate; how each plate is engraved in four pieces, no one man making a whole

Lucy Ingersoll. plate, in fear that he will repeat the operation; how the four pieces are placed together and an impression taken from the whole on a soft roller; how an impression is made from this on a plate of soft steel, which is afterward hardened; how each sheet of paper is counted, and how the plate printers ink and wipe off the plate by hand, with all the safeguards thrown about the process to prevent an operator in any way securing a bill or the means of making one.

The great obstacle in the way of continuous, brazen and successful counterfeiting is the Secret Service of the Treasury Department. It is composed of a chief, a few clerks and a minimum of about 50 detectives, which is sometimes considerably in-creased when work piles up on them as it did a month or two ago, when, within a few weeks no less than 15 counterfeiters were caught, all for passing a ten-dollar "Webster head" Treasury note, printed from a plate whose history probably has no

A DANGEROUS COUNTERFEIT.

It was in February, 1880, that this note appeared at Chicago, and the arrest on sus-picion soon followed of Terrence Mullen, of Chicago, and Jim Keneally, of St. Louis. Mullen had been arrested in 1876 with others for a conspiracy to steal the body of Abraham Lincoln from its tomb at Springfield, and hold it for the ransom of Ben

95

counterfeiter, who had sentenced for a year. arrest of John Bowdre, alias John Hill, in May, 1880, on a flatboat in the Mississippi river, near St. Louis, with \$19,030 of these tens in his possession, 2,278 sheets of paper cut the size of the note, and a steel plate for printing upon the paper a good imitation of fiber.

Bowdre was imprisoned, and through him it was learned that James Guyon, alias Hank, alias Hamilton, had stolen the plates and \$40,000 of the "dangerous" tens. It was as though Guyon and the plates and money had dropped out of existence; for more than seven years nothing was heard of them until last February it was flashed from a dozen banes in as many western cities, almost simultaneously, that the "Webster head" had again appeared. Sure enough it was the counterfeit of 1880, of which Guyon held the monopoly, again in the field.

BELL TAKES THE PIELD. At once Chief Bell, of the secret service concentrated his men and took the field himself. A dozen arrests soon followed all of them persons who had purchased the notes from others. Through an attorney who defended some of these men it was learned that Nelson Driggs and his wife, Gertrude, who kept a roadhouse near Day-ton, O., were "middle men" for the sale of the money. Chief Bell secured an introduction to Driggs as "Andrew McWilliams," a crooked attorney-at-law, of Hartford, Conn. His plans to make his identity good were ingenious and thorough. He was received without suspicion as one who wished to deal in the "queer," and then ensued weeks of cunning fencing and diplomacy on both sides, a description of which would fill a

The manner in which Chief Bell ingratiated himself into the good graces of the two would have been worthy of Vidocq. Driggs met his wife in prison, and when they had served their time, married her, though

she was less than one third of his age. She was susceptible to flattery, like most people, and Bell's nimble tongue soon left no shadow of suspicion in her mind that he was other tomself. other than he repre-**#**超/| //

soon discovered that the principal in the terious Guyon himself, a life-long counterfeiter, the man who had the "Webster head" plate and who had got away with \$40,000 of the bills when Bowdre was arrested, who operated constantly and had never been caught.

STRIKING THE BARGAIN.

After weeks of finesse Bell and Guvon met. The latter talked of everything but meney. He was "sixing up" the supposi-titious attorney, who wished to buy counter-feit money. At last everybody was satis-fied and the bargain was struck. "McWilliams" was to buy \$25,000, more or less, of the tens, at 2234 cents on the dollar. Every precaution was taken to prevent truckery in the transfer. On the day it was to be made two of the tin caus containing the bills were
two of the tin caus containing the bills were
put in possession of the Driggs. The old
man was to deliver the first, and while he
went for the second Gerty was to equnt it
and get the good money for it. Meanwhile
Guyon was to produce the remainder from some spot not known even to the Driggses, so fearful were they that "Mac" would

trick them in some way. The first can was delivered and paid for in a back room of the hotel, and when Driggs went for the second he was quietly taken in custody by Bell's assistants, who were hid-den outside, and the chief himself suavely informed Gerty that she was his prisoner Several men had been set to watch Guyon. Three of them followed him to an adjacent wood on their hands and knees the wood on their hands and knees through a field of oats. They were close on his heels as he kneeled down beside an old stump of a tree to get the money. He could have been captured many times, but the purpose was to capture him with some of the money in

a tree to get the money. He could have been captured many times, but the purpose was to capture him with some of the money in his possession.

As he was uncovering the tin cans a terrific shriek came from the direction of the hotel. It was the scream of Gerty when put under arrest. Instinctively Guyon's trained car told him there was trouble. He appears to his feet and ran like a deer. Donella, one of the detectives, called on him to halt and throw up his hands. He did, but it was behind a tree, and he threw up his hand quick as lightning and shot Donella, tearing a piece from the side of his head. Donella dropped, Guyon sprang away through the underbrush, and that is the last seen of him, though Chief Bell vows he will have him behind the bars at no distant day. Over \$20,000 of the "Webster heads" were captured, but they were of a superior of the tricks of counterfeiters. In this way Miles Ogle pulled the wool over the eyes of so three district Attorney as Bucher Swope, of the Western district of Pennsyl-

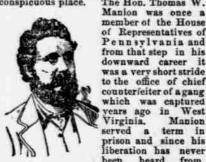
later issue than the 40,000, and it is not known that any of them had been passed, but the plate is not captured, and so the romantic history of that ten year's old plate is not yet ended.

During a visit to Cincinnati with Gerty Driggs, Bell induced that lady to introduce him to old Mary Brown, who keeps a questionable resort, and who gives change in counterfeit money to

who gives change in counterfeit money to her patrons, who, of course, in such cir-cumstances will never "squeal." Bell suc-ceeded in getting Mary into his toils, and as soon as he had arrest-ed the Driggses, tele-craphed to an assistgraphed to an assistant in Cincinnati, and old Mary was also

Thomas W. Manion

AN UNLUCKY CULPRIT. Old Nelson Driggs has been a lifelong counterfeiter, and vet has been peculiarly unlucky. Since 1845 he has been most of the time in prison, and now when nearly 80 years old will doubtless be sent up for the remainder of his life. One of his jobs was remainder of his life. One of his jobs was a counterfeit five of the Traders' National Bank of Chicago. He got the plate engraved, and printed no less than \$225,000 as a "first edition." But somehow he was always caught soon after he began operations. Some stupid fellow to whom he sold money would rup into the counterfact. money would run into the arms of a detec-tive and then give away his principal to soften the rigorof his own probable sentence. In the very interesting portrait gallery that is found in the ante-room which leads to the sanctum of the Chief of the Secret Service is a frame of "beauties" having probably as ugly a lot of mugs as can be found grouped together in any rogues gallery of the universe. Among these a former distinguished Pennsylvanian holds a The Hon. Thomas W. Manion was once a



Pennsylvania and from that step in his downward career was a very short stride to the office of chief counterfeiter of a gang which was captured years ago in West vears ago in Manion served a term in prison and since his

liberation has never been heard from, though his face could not possibly have been disguised, it was so

ugly. QUEEN OF THE CONTACKERS. Lucy Ingersoll, of Illinois, was one of the 'Queens' of the counterfeiters. She managed a numerous gang, more than a dozen of whom were captured with herself, and all of whose portraits now encircle her own in a special group in the Secret Service Gal-

lery.
Probably no smarter all-round counter-feiter ever lived than John Peter McCartney, who is now nearly 65 years old and yet lives—just now in prison—to practice his art, for it was a genuine art with him. Brockway may have been more refined, but he was less versatile. Born on a farm, when he was a young man Pete fell in with a family named Johnston, of whom the famous Charlie Johnston was one, and one of the fameles of which a fameles of the same and th famous Charlie Johnston was one, and one of the females of which afterward married the notorious Miles Ogle, burglar, counterfeiter and murderer, one of the most expert and desperate rogues that ever lived. McCartney tried his hand at "raising" notes. Then he learned engraving and became an expert engraver. He made plates and presses himself and brought out some of the most perfect specimens of counterfeiting ever produced. No engraver was ever more rapid in his work. He once produced a rapid in his work. He once produced a famous plate within two weeks, though six months is considered fair time for such work. He was a good dentist, practiced medicine successfully, lectured on "How to Detect Counterfeits" and passed counterfeits and bogus coin in change at the doors of halls where he spoke, acted as a treasury expert and agent of the Secret Service, was an artist, mule driver, cattle dealer and

EVEN THE POLICE LOVED HIM.

Innumerable times he was in prison, usually broke out or bought his way out, purchased his freedom scores of times when arrested, and was really a sort of favorite of the police to an extent that they always regretted his capture. On one occasion during the war he was arrested in West

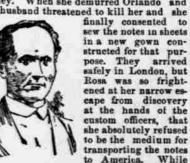
counterfest money in camp and was for-warded to the old Cap-itol prison in this city. On the way, handcuffed as he was, the train running 35

the train running 35 miles per hour, he snenked to the rear plattorm, leaped off, Charles Johnson. luckily fell in a pile of gravel, broke two ribs, but escaped, hammered his handcuffs off with a stone, patched himself up and began counterfeiting again. His career and the careers of Miles Ogle, Charley Johnston and Charles Ulrich are so long and varied that each would fill a large volume with exciting narration. Ulrich and McCartney are two of the most noted engravers wh have ever been engaged in the "coney

A CROOKED COUPLE.

One of the most curious stories of the operations of counterfeiters is that of Gaetano Russo and his wife Rose. They were liberated from the Cambridge, Mass., jail in 1877, after a short term, and immediately went to London, England. There they sought an old acquaintance, Louie Orlando, an expect photographer and expects the content of the counterpart of an expert photographer and engraver, who photographed and engraved for them plates of a \$5 and \$1 silver certificate. With the plates they went to Paris, and there bought a press, ink and paper for 500 francs and printed \$30,000. Having accomplished their work, they returned the press to its former owner, complaining that it did not work satisfactorily and received back all of its price except 90 francs charged for its use. Destroying the plates, they prepared for their return.

Rosa Russo was required to carry the money. When she demurred Orlando and her husband threatened to kill her and she



transporting the notes to America. While Charles Ulrich. she was asleep Louic and Gaetano chloroformed her, took her

and chetano chlorotomed her, took her money and jewelry, all the sheets of counter-feits and skipped for America. They ar-rived safely in New York, but when they were about to begin operations

ROSA APPEARED UPON THE SCENE and threatened an exposure unless she were taken in on an equal footing. She had bor-rowed money from an Italian friend in Lon-don and had taken the steamer which fol-

vania. Miles was arrested at Pittsburg in 1873, and vowed to Swope that if let off on light bail he would give information that would result in the total

ABOLITION OF COUNTERFEITING, and having received Swope's promise he gave out a mass of the so-called secrets of counterfeiting, which sounded well, but amounted to nothing at all, and told in addition where a few scrub counterfeiters could be found. He forfeited his small bail, bought a farm near Ciucinnati and soon had on the market another daugerous counterfeit. In 1877, however, he and William Johnston, one of Pete McCartney's old friends, were arrested on their way from Cincinnati to Pittsburg, with a valise in their possession containing plates and tools, convicted and sentenced to eight years in the Allegheny penitentiary.

10 000

the Allegheny penitentiary.

Everybody knows
the career of Brockway, the attorney, one
of the most expert and insinuating counterfeiters, whose pardon was a year ago a matter of discussion on account of extreme ill-health. Brockway's good that it was sup-posed to have been printed from a gen-uine plate, though it was shown that the

plate was engraved by an employe of the William E. Brockway American Bank Note Company.

To what extent counterfeiting is practiced and what amount of counterfeit money is in circulation, no one knows. An offender once caught is spotted forever after, and his career is full of danger. How many counterfeiters are engaged in the business who are never caught at all? What amount of counterfeit research. are never caught at all? What smount of counterfeit paper money and bogus coin is in circulation as yet unrecognized? A counterfeit bill which is not particularly good may travel about for months and answer every purpose of good money in many hands before it reaches a taker who recognizes its spurious character. How long will a good counterfeit travel?

A SERIOUS OBSTACLE.

With paper money the great obstacle in the way of successful counterfeiting is the expense of the plant. Each plate for a genuine bill costs about \$2,000, and the cost of a counterfeit can hardly be less. Then there is the press and paper and ink and tools for engraving, all expensive. No press ever captured has been of a kind on which good work was possible. All have which good work been clumsy and primitive.

But are these all the



implements at work? Is it not possible there ing out counterfeit bills which are of the best manufacture for plate printing? Is it not possible there are plants with geometric lathe, plate printing press, operated by enas expert as any in the

Bureau of Engraving
Thomas P. McCartney.and Printing, with
ink and paper indistinguishable from that
used for genuine bills, turning out counterfeits by the million, which are as good as the genuine?

Ah, the silken thread woven in the genu-

ine paper, you say.
Yes, on that little silk thread hangs a vast deal, but who knows if no imitation has been produced? Who knows the silk thread been produced? Who knows the silk thread process is a secret? Let me tell you there are bills at the Treasury, and other bills have been presented there, which have baffled the efforts of the most expert detectors in the cauntry to tell whether they are genuine or bogus. The experts disagreed and still disagree—experts of equal cunning.

The subject is a fascinating one, and the problem one which governments will be compelled to give more attention to in the future than in the past.

E. W. L.

An Abominable Legacy. An Abominable Legacy.

A tendency to rheumatism is undoubtedly inherited. Unlike many other legacies, it remains in the family. The most effectual means of checking this tendency, or of removing incipient rheumatism, whether pre-existant in the blood or not, is to resort to Hostetter's Stomach Bitters as soon as the premonitory twinges are feit. Nullifying the influences of cold, exposure and fatigue, the Bitters not only fortifies the system against their hurful consequences, but subjugates malaria, liver and kidney complaint, dyspepsia and nerve disquietude.

GAIN LINT NO. 2.

LECHNER & SCHOENBERGER'S BAR-Special Sale of Second Hand Pianes and

	Organs.	
ı	1 Frederick Blum piano	\$20
۱	1 Thomas Loud	2
4	1 Lights & Newton	50
1	1 Fischer	50
1	1 Chickering	90
	1 Bacon & Raven	100
ij	1 Central Piano Co	150
8	1 Marshall & Withauer	150
	1 Stanley & Sons	165
	1 Lynch & Gomien	175
	1 Mellor & Hoene	175
	1 Chickering	185
	1 Chickering	20
ŝ	1 Delega & Co. Organ	
3	1 Prince & Co	20
7	1 Peloubet, Pelton & Co	50
	1 Estey	75
1	1 Estey	85
1	1 Shoninger	75
	1 Mason & Hamlin	85
	All instruments fully wavented	

All instruments fully warranted—stool and cover included—easy payments. Don't lorget the name and number. LECHNER & SCHOENBERGER,

General agents for Kranich & Bach LAST EXCURSION TO ATLANTIC CITY

Vin the B. & O. R. R.,

Thursday, August 29. Rate, \$10 for the round trip, tickets good for ten days; good to stop at Washington City returning. Trains

An Invigorating Beverage. A glass of pure beer is both beneficial and delightful to a warm and tired mortal. The well-known brand of "Iron City Beer," brewed exclusively by Messrs. Frauenheim & Vilsack is such a beverage. It is made carefully, from the purest materials, and is wholesome and nutritious. Ask for it. Telephone 1186.

New Fall Carpets All open and ready for purchasers. The largest line ever opened west of New York City to be found at Edward Groetsinger's carpet palace, 627 and 629 Penn avenue.

Closing Out Sale Of summer dress goods, black and colored silks, surahs, cashmeres, serges, henriettas, French challis and satius at extraordinary

low prices, to close this season's stock, a H. J. Lynch's, 438 and 440 Market street. FOR a finely cut, neat-fitting suit leave your order with Walter Anderson, 700 Smithfield street, whose stock of English suitings and Scotch tweeds is the finest in the market; imported exclusively for his

IMPURITIES IN SUGAR.

Something About the Manufacture, Use and Abuse of Glucose.

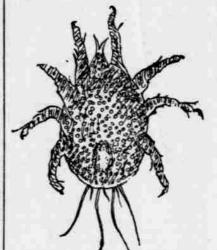
ANALYSES OF BROWN SUGAR. A Repulsive Insect Peculiar to the Sugar

Barrel. HONEY MAKING WITHOUT BUSY BEES

(WRITTEN FOR THE DISPATCH.)

It is probable that the cravings of the sweet tooth of the ancient Hebrews was satisfied with a more or less perfect preparation of cane sugar. The reason for this supposition is the occurrence in the Bible of a Hebrew word which is sometimes translated 'calamus" and sometimes "sweet cane." Independent of this it is probable that the Chinese have known of sugar since very early times; and, to look over the history of a number of products, dietary and otherwise, this will not appear improbable, as such history shows that this exclusive race were, long years ago, acquainted with many natural and manufactured products of which other coeval races had no knowledge. Some very early historians, however, make mention of "honey of reeds," "saccharon," etc., which probably refers to cane sugar. Sugar cane was found growing wild in the West Indies and in South America at the time these countries were discovered; but the natives did not appear to have any idea of extracting the sweets contained until after the Spanish and Portuguese coloniza-tion. It did not take long, however, to es-tablish the sugar industry, for it is on record that in 1535, less than 50 years after the dis-covery of the West Indies, there were 30 sugar mills in St. Domingo. SUGAR PRODUCERS.

Until a few years ago the sugar cane was the only source of the commercial sugar; for, though it was discovered in the last cen-



tury that a sugar of very good sweetening power could be made from beets, the pro-cesses of manufacture were not sufficiently developed to permit of its being made com mercially. Sugar making from beet roots has, under governmental encouragement, risen to be a great industry in Germany. This form of sugar is but slightly inferior to sugar made from cane, and it is not, as usu-ally supposed, a form of glucose.

The production of glucose, a variety of sugar, from the starch of potatoes, grain, etc., by the action of sulphuric acid, was

known of early in the last century, but the knowledge was not put to commercial uses until a few years ago.

Sugar in one form or another is one of the most widely distributed of vegetable substances. In the form of sucrose or cane

sugar, it is present in and manufactured from the following substances: sugar cane, certain grasses, sorghum, stalks of maize or Indian corn, certain roots, as carrots, parsnips, beets, etc., the sap of sugar maple, the sap of certain palms, as cocoanut, wild date, etc. Each of these various plants imparts to the sugar obtained from it more or less of a characteristic taste, though this can be, and sometimes is, eliminated.

SOMETHING ABOUT GLUCOSE.

Intimately mixed up with case sugar in nature (and, I am sorry to say, also in commerce) is another sweet substance called glucose. Artificial glucose is made from any cheap form of starch by the action of dilute sulphuric acid or oil of vitriol. This is now carried on industrially on a large scale, the product being used to a con-siderable extent to adulterate and cheapen sugar and confectionery, and to an enormous extent as a cheap substitute for malt in the manufacture of beer and other malt liquors. This substitution would be excusable if it were not that glucose often contains arsenic that has been deposited in it from the oil of vitriol used in its manu

facture.

Sugar is prepared from the cane by passing the stalks, stripped of their leaves, through rollers, thereby expressing the juice containing the sugar, which is anterward crystallized out. After this crystallization or extraction of the sugar, a "mother liquor" is left behind. This mother liquor constitutes molasses in the case of the preparation of raw sugar, and treacle or golden syrup in the preparation of refined sugar. Both molasses and treacle contain but little cane sugar and a great deal of glucose; the latter being produced from the former by the action of heat.

REFINING SUGAR.

The refining of sugar simply consists of various processes by which the natural impurities are extracted. Essentially the method followed is one of filtration, first through coarse cloth; then through bone black, the beds of which are 50 feet thick, to remove the color, so that the resultant sugar crystals, when formed, will be white. The physiological action of sugar is that of a fat former and heat producer. With the object of ascertaining the impurities in the sugars of commerce, a series of analyses, microscopical and chemical, were made. The average results of the examination for impurities in 14 samples of brown sugar, as sold in the market, yielded the following

Fragments of cane found in 14 samples, Bacteria found in 14 samples. Insects found in 13 samples. Glucose in adulterative quantities found in

16 samples.
Arsenic found in 1 sample.
Foreign mineral matters found in 14 samples.
Starch found in 1 sample.
Sand found in 0 sample.
Whiting found in 0 sample.

The fragments of cane and bacteria are probably not injurious when taken into the stomach. The sugar insect, as shown in the cut is a formidable looking little animal which, under the microscope, resembles nothing so much as a louse, though very much smaller than the latter, being barely visible to the unaided eye as a mere speck. Its body is oval, and from its under surface eight legs project, each of them being armed at its extremity with a formidable hook. Any one who has a microscope can find them in almost any sample of brown sugar by dissolving a teaspoonful of the sugar in tepid water in a large wineglass and allowing it to settle for an hour or two. Then, if the sediment or the matter floating on the surface of the solution be examined under a microscope (a pocket lens is not quite strong enough) the A SWEET MORSEL

pocket lens is not quite strong enough) the mites may be seen squirming in a confused mass of organic and mineral filth. One look is usually sufficient to make any cleanly per-son forever after forego the sugar that is brown. True, it is not likely that any VERY SERIOUS RESULTS ever follow the swallowing of even large quantities of these insects; yet the idea is not pleasant, to say the least, and it is prob-sble that many of the symptoms attributed to intestinal worms in children are in reality due to these mites. Locally, they are prob-

ably influential in the causation of the grocer's itch. They belong to the same family as the regular itch insect, and much resemble it in general repulsiveness of appearance. One has the same, creepy, itchy sensation in examining it. One lady to whom the writer showed several specimens, said: "I have eaten my last grain of brown sugar; I would feel as if I were swallowing a paper of tacks, if I were ever again to take a mouthful of the stuff."

As to the glucose found, it is not a very

—Yesterday morning Fred S. Nichols, living on Grove street, Winchester, Mass., while delirous from typhold fever, got out of bed, procured a revolver from a bureau drawer and shot his nurse, a Miss Smith, through the heart, killing her. Before he could be secured he fired two shots at his father, but without effect, Miss Smith was a trained nurse from Boston. mouthful of the stuff."

As to the glucose found, it is not a very serious matter in itself, for though of less sweetening power than pure sugar, it is healthy enough and exists in many foods; but it is a sophistication, nevertheless, and an imposition on the public, unless the sugar containing it is sold correspondingly cheap. The chief danger, however, lies in the fact that some of the commercial glucose contains arsenic lest in it by the oil of cose contains arsenic lett in it by the oil of vitriol used in its manufacture.

borne yesterday on the charge of being impli-cated in the robbery of 163,000f, from a firm of Parisian bankers by a clerk named Noll. Noll was recently arrested here and sent back to France with his pretty wife. On arrival of the necessary papers from Washington Haimont will be sent back.

—Simpson & Watkins, anthracite coal operators in the Carbondale district of Pennsylvania, have filed with the Inter-State Commerce
Commission, through their counsel, Franklin
B. Gowen, of Philadelphia, a complaint against
the New York, Lake Eric and Western Railroad Company charging unjust discrimination
against the complainants in freight rates and
shipping facilities.

The arsenic found in one sample was probably from this source. The quantity found, however, was not sufficient to produce any harm unless the sugar containing it was partaken of in quantities larger than is usual and for a long period of time, in which case it would tend to accumulate in the system and ultimately produce poisonous effects. Some glucose is present in all sugars, but the before-mentioned instances were those only in which it was present in such quantities as to indicate that it had been added as an adulteration.

The mineral matters found were not of an injurious character, though adding to the shipping facilities.

-The sensation at New Orleans yesterday was the disappearance of a prominent young lawyer and notary, Alphones Phillips. His absence from the city, beyond the reach of his creditors, has been a matter of gossip for some weeks, but the matter came before the people yesterday in a suit filed by one of his clients, demanding an accounting for funds left in his custody. It is alleged he has permanently absented himself, and a garnishee of funds in a national bank was issued. The funds in his hands unaccounted for amount, it is claimed, to 880,000 or \$100,000. Phillips was an official of the Mexican Lottery Company, out of which he made a handsome sum. He was also prominent in politics and a member of the Legislature. The mineral matters found were not of an injurious character, though adding to the weight and profits. Sand, that traditional adulterant of sugar, was conspicuous by its absence in the samples analyzed. The starch found was, of course, not injurious, though it was an adulteration.

Taking it as a whole, brown sugar is too filthy for use as human food.

Analyses of white granulated sugars, however indicate a much better condition of

Analyses of white granulated sugars, however, indicate a much better condition of things. Of 12 samples examined all were pure. The reason probably is that in crystallization no impurities are taken up, and afterward it is Jifficult to mix in an adulterant that cannot be readily detected. The ungranulated white sugar, commonly called "pulverized," was adulterated to a greater extent than either the brown or the granulated white. Out of five samples, all contained more than 20 per cent of insoluble matter, chiefly chalk. Molasses and syrup were both reasonably pure, as were also four out of five specimens pure, as were also four out of five specimens of comb honey examined. Three samples of "clarified" honey analyzed were pure—that is, pure artificial glucose. The only honey there was about them was the portions of comb floating around in one specimen. They were flavored with products of the chemical laboratory. All honey made by the bee contains pollen grains of the flowers from which the honey is extracted, and as the pollen of each flower is charac-

AMUSEMENTS.

Week of August 26, 1889. HART AND IRVING
and an aggregation of Vaudeville talent; 15
stars, besides a crowded hall of curiosities, inwhat plants any given sample of honey is made. Thus, in white clover honey, white made. Thus, in white clover honey, white clover pollen will predominate.

Asstated above, four out of five specimens of comb honey were pure. Now the other one of the five was an interesting piece of American ingenuity. To look at it was a luscious morsel to behold; when a spoon was stuck into it the rich contents of the cells ran out and made the analyst's mouth water. When he wrapped his tongue around it, he was firm in the conviction that he had never tasted anything quite so nice. Yet the proof of the pudding was not

stars, besides cluding cluding W. J. SAPP (skeleton), BABY VENUS, CASINO MASCOTT, and many others. EDUCATIONAL.

Monday, September 2 Apply to Rev. John T. Murphy, C. S. Sp., President. jyl7-28

crystal. No deleterious substances were detected and it is not probable that this "honey" (?) was any less wholesome than the pure bee-made article. This brand is extensively shipped all over Europe, and as it looks even better than genuine honey, it has an extensive sale. But, ye gods, what MOUNTSTE URSULE OAKLAND—THE Ursuline Academy reopens on SEP-TEMBER 2: boarders and day scholars re-ceived. For further particulars apply to 8. STE. GERTRUDE. au16-25

wonder the average European is suspicious of American products! What wonder that the idea is prevalent in Germany that "Americans feed their hogs on triching to increase their weight?" as I once heard a TWO CHOICE SCHOOLS.

BROOKE HALL, for girls and young ladies, SHORTLIDGE MEDIA ACADEMY, for boys and young men. SWITHIN C. SHORTLIDGE, A. M. (Harvard graduate), Media, Pa., near Philadelphia.

Music by the Royal Italian and Mozart Orchestras.

Admission, Soc. au25-32

SUMMER NIGHT RECEPTION

EVERY

THURSDAY NIGHT.

Sept. 2—Davene's Allied Attractions. and Market st., sells diamonds, watches, jewelry, silverware, clocks, bronzes, etc., at lower prices than any jeweler in the city. Don't forget my new store, 533 Smith-field etc. NEW YORK MILITARY ACADEMY, Cornwall-on-Hudson. Courses of study in civil engineering, English and classics. Labor-atory, drawing room and field work. Beautiful buildings, grounds, location. COL. C. J. WRIGHT, B. S., A. M., Supt.; BELDEN F. HYATT. Comd't of Cadets. jell-ll

POCK HILL COLLEGE, ELLICOTT CITY, Md.; conducted by the brothers of the Christian Schools; scientific, classical and commercial courses; the modern languages and drawing are taught without extra charge; studies will be resumed on the first Monday of Sentember. For particulars address.

carload of curiosities for his New World's Museum, Allegheny City, preparatory to MT. DE CHANTAL

> (SISTERS OF THE VISITATION.) A school of more than national reputation, offers exceptional advantages for thorough education of young ladies in all departments. Library of 6,000 volumes. Fine philosophical, chemical and astronomical apparatus.
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> Musical department specially noted. Corps of piano teachers trained by a leading professor from Conservatory of Stutgart. Vocal culture according to the method of the old Italian masters.

lent.
For catalogues and references to patrons in all the principal cities, address se9-q76-su THE DIRECTRESS.

Fifth avenue. It is not everybody knows a good thing when he has it; but if you have some of John McCullough's "Prince Re-gent" or "Windsor Castle" whisky you may be sure you have the best. 523 Liberty, ACENTS! 200 PER CENT We want an agent in every town and city t sell a popular and low-priced book that goe like "hot cakes" and sells at sight. Sample book with special price list and terms to agents sent for loc, stamps or silver. Territory assigned to live parties, who can easily make \$10 per day. No previous training needed. Ladies and boys can tickets to Atlantic City next Thursday, August 29. Rate \$10 for the round trip, tickets good for ten days. Trains will leave depot at 8 A. M. and 9:20 P. M. Secure your



34 SAMPSON ST., ALLEGHENY, PA. Specially Adapted for Cemetery Lots, jel3-9-thsu

morning
Have you used

LATE NEWS IN BRIEF.

-Postmaster General Wanamaker is ex-pected to return to Washington next Monday. Second Assistant Postmaster General White-field is also expected to return on Monday. —The Treasury Department has informed a Boston correspondent that the Chinese act of September 13, 1888, does not take effect till the date of the exchange of ratifications, which date has not yet arrived.

-Paul Haimont was held for extradition at New York by United States Commissioner Os-

Lure.

-Late Thursday night Mrs. C. E. Kemp, wife of a prominent mining man of Helena, Mont., disappeared. The police yesterday discovered her body in a ditch in the hills. Mrs. Kemp had been for some time deranged, and Thursday night quietly stepped out of the house in her night clothes. Before the body was found the husband discovered a note on a bureau which said: "I feel my mind is going: watch me every minute." About three years ago the unfortunate woman procured a pistol, and just as she was about to shoot herself her only daughter, a beautiful girl of 18, rushed up to her. In the struggle to secure possession the weapon was exploded and the daughter was shot, dying instantly. Since then the mother has had lucid intervals, and when she inquired for her daughter was told she was spending the season in Europe. At different times the mother has started to go to her daughter, and it is supposed it was in carrying out one of these attempts that she wandered toward the mountains, I'll into the ditch and was drowned. The family is a prominent one.

The family is a prominent one

MASINO MUSEUM-

OT. GEORGE'S HALL FOR BOYS AND young men, St. George's, Md., near Baltimore, Prof. J. C. Kinear, A. M., Principal, College or business. Unsurpassed in advantages, comfort and situation. 200 to \$75 a year.

HOLY GHOST COLLEGE—
Complete preparatory, commercial and
collegiate departments, reopens WEDNESDAY, SEPTEMBER4; new students examined

that he had never tasted anything quite so nice. Yet the proof of the pudding was not in the eating. Analysis showed that a bee had never been within smelling distance of that honey. The comb was made of paraffine, and the syrup was made of glucose, with some cane sugar added. Not a trace of pollen was to be found, nor a honey crystal. No deleterious substances were detected and it is not probable, that this NAZARETH HALL—
NAZARETH HALL
NAZARETH HALL
Moravian Boarding School for Boys at Nazareth, Pa. Founded 1786. Reopens September 18th.

18th. 1928-78-Thsu

sul6-23 BROTHER DENIS, President.

M T. ST. ALOYSIUS,
LORETTO, PA.
The scholastic year of the Mountain Academy, under the direction of the Sisters of Mercy will commence its fail term September 2. Tuition for five months, including French and music, \$100. Loretto is famed as a health resort, and like Cresson, is a sanitarium of unquestionable excellence. The reputation of the Sisters of Mercy as instructors is world wide. For particulars address the Directress of the Academy.

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Visitors to the city during the Exposition would do well to examine our

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NEW ADVERTISEMENTS.

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FRANK DANIELS

IN HIS LAUGHING COMEDY.

Mr. Harry Nortaine, Mr. Robt. Evans, Miss Louise Eissing, Mr. Arthur Moulton, Mr. John Conor, Miss Annetta Zellna, Mr. W. S. Stedman, Mr. William White, Mr. Gilbert Gregory, Mr. John Keirnan,

Miss Rose Chismean, Miss Marie Hilton, Mr. Thos. Keirnan, Mr. Walter Long, Miss Emily Beaumont Mr. James Carroll, Mr. Harry Whitney, Miss Mamie Curtis, Under the Baton of William Withers, Jr.

COSTUMES, SONGS, DANCES, ENTIRELY NEW.

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Only Matinee Saturday.

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YOU WOULDN'T KNOW IT.

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MME. LASCELLE,

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Every Afternoon and Evening, WEEK COMMENCING AUGUST 26. Grand Opening of the Regular Season

COMMENCING MONDAY, AUG. 26.

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Accompanied by MR ROBERT NEIL and a Magnificent Company, in the Great London and New York Success, THE

The Grandest Production the Stage has known for Years. Week September 2-PETE BAKER. au25-49

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Monday Evening, August 26.

Matinees, Tuesday, Thursday and Saturday. J. H. MACK'S

John Kernell,
Miss Fiora Moore,
Frank Moran,
Miss Lillie Weston,
Josephine Macart
and her Trained Dogs,
M. J. Fenton,
Johnson and Mack,
Miss Estella Sylvia,
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The Goldens,
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That among the greater number of people in the city the old style of buying has fallen into, as President Cleveland once remarked, "a state of Innocuous Desuetude," that is to say, it is one of the past means of buying goods, and we think so too, for since we inaugurated the Credit System of Payments, which gives a first chance to all who wish to complete the furnishing of their homes, we can see it, for our trade is increasing rapidly every day, and even now, when our business is supposed to be unusually dull, we are as busy as a hive of bees.

Now, one word in regard to our Fall stock. It is complete in every detail, and, of course, admits of the cheapest and best designs in the market. Just take a glance over some articles to be found here.

Carpets, Oil Cloths, Mattings, Lace Curtains, Chenille and Turcoman Portiere Curtains, Druperies of all kinds, bedroom, dining room, kitchen and office Furniture; Stoves and Ranges, which we positively guarantee to be perfect cookers and bakers, and a host of other things too numerous to mention, and remember, we give you LOTS OF TIME TO PAY FOR THEM.

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